RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/582,006
Source: IFW
Date Processed by STIC: 6/19/06

ENTERED

IFWP

RAW SEQUENCE LISTING DATE: 06/19/2006
PATENT APPLICATION: **US/10/582,006** TIME: 11:37:35

Input Set : **A:\NIH272.001NP SEQLIST.TXT**
Output Set: **N:\CRF4\06192006\J582006.raw**

```
      4 <110> APPLICANT: Lai, Ching-Juh
      5       Purcell, Robert H.
      7 <120> TITLE OF INVENTION: MONOCLONAL ANTIBODIES THAT BIND OR
      8       NEUTRALIZE DENGUE VIRUS
     10 <130> FILE REFERENCE: NIH272.001NP
C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/582,006
C--> 13 <141> CURRENT FILING DATE: 2006-06-07
     15 <150> PRIOR APPLICATION NUMBER: PCT/US2004/040674
     16 <151> PRIOR FILING DATE: 2004-12-03
     18 <150> PRIOR APPLICATION NUMBER: US 60/624261
     19 <151> PRIOR FILING DATE: 2004-11-01
     21 <150> PRIOR APPLICATION NUMBER: US 60/574492
     22 <151> PRIOR FILING DATE: 2004-05-26
     24 <150> PRIOR APPLICATION NUMBER: US 60/552528
     25 <151> PRIOR FILING DATE: 2004-03-12
     27 <150> PRIOR APPLICATION NUMBER: US 60/541676
     28 <151> PRIOR FILING DATE: 2004-02-04
     30 <150> PRIOR APPLICATION NUMBER: US 60/528161
     31 <151> PRIOR FILING DATE: 2003-12-08
     34 <160> NUMBER OF SEQ ID NOS: 228
     36 <170> SOFTWARE: FastSEQ for Windows Version 4.0
     38 <210> SEQ ID NO: 1
     39 <211> LENGTH: 123
     40 <212> TYPE: PRT
     41 <213> ORGANISM: Pan troglodytes
     43 <400> SEQUENCE: 1
     44 Glu Val Gln Leu Leu Glu Ser Gly Pro Gly Leu Val Lys Pro Ser Glu
     45  1               5                  10                  15
     46 Thr Leu Ser Leu Thr Cys Thr Val Ser Gly Gly Ser Ile Ser Asp Phe
     47             20                  25                  30
     48 Tyr Trp Ser Trp Leu Arg Gln Ser Pro Gly Lys Gly Leu Glu Trp Ile
     49         35                  40                  45
     50 Gly Tyr Ala His Ser Arg Val Ser Ala Tyr Tyr Asn Pro Ser Leu Lys
     51     50                  55                  60
     52 Ser Arg Val Thr Ile Ser Val Asp Thr Ser Lys Asn Gln Leu Ser Leu
     53 65                  70                  75                  80
     54 Arg Leu Ser Ala Val Thr Ala Ala Asp Thr Ala Leu Tyr Tyr Cys Ala
     55                 85                  90                  95
     56 Arg Gln Gly Thr Gly Thr Thr Gly Val Ser Glu Asp Pro Phe Asp Leu
     57             100                 105                 110
     58 Trp Gly Gln Gly Thr Lys Val Ile Val Ser Leu
     59         115                 120
     62 <210> SEQ ID NO: 2
```

RAW SEQUENCE LISTING DATE: 06/19/2006
PATENT APPLICATION: **US/10/582,006** TIME: 11:37:35

Input Set : **A:\NIH272.001NP SEQLIST.TXT**
Output Set: **N:\CRF4\06192006\J582006.raw**

```
63 <211> LENGTH: 30
64 <212> TYPE: PRT
65 <213> ORGANISM: Pan troglodytes
67 <400> SEQUENCE: 2
68 Glu Val Gln Leu Leu Glu Ser Gly Pro Gly Leu Val Lys Pro Ser Glu
69  1               5                  10                  15
70 Thr Leu Ser Leu Thr Cys Thr Val Ser Gly Gly Ser Ile Ser
71             20                  25                  30
74 <210> SEQ ID NO: 3
75 <211> LENGTH: 5
76 <212> TYPE: PRT
77 <213> ORGANISM: Pan troglodytes
79 <400> SEQUENCE: 3
80 Asp Phe Tyr Trp Ser
81  1               5
84 <210> SEQ ID NO: 4
85 <211> LENGTH: 13
86 <212> TYPE: PRT
87 <213> ORGANISM: Pan troglodytes
89 <400> SEQUENCE: 4
90 Trp Leu Arg Gln Ser Pro Gly Lys Gly Leu Glu Trp Ile
91  1               5                  10
94 <210> SEQ ID NO: 5
95 <211> LENGTH: 17
96 <212> TYPE: PRT
97 <213> ORGANISM: Pan troglodytes
99 <400> SEQUENCE: 5
100 Gly Tyr Ala His Ser Arg Val Ser Ala Tyr Tyr Asn Pro Ser Leu Lys
101  1               5                  10                  15
102 Ser
106 <210> SEQ ID NO: 6
107 <211> LENGTH: 30
108 <212> TYPE: PRT
109 <213> ORGANISM: Pan troglodytes
111 <400> SEQUENCE: 6
112 Arg Val Thr Ile Ser Val Asp Thr Ser Lys Asn Gln Leu Ser Leu Arg
113  1               5                  10                  15
114 Leu Ser Ala Val Thr Ala Ala Asp Thr Ala Leu Tyr Tyr Cys
115             20                  25                  30
118 <210> SEQ ID NO: 7
119 <211> LENGTH: 17
120 <212> TYPE: PRT
121 <213> ORGANISM: Pan troglodytes
123 <400> SEQUENCE: 7
124 Ala Arg Gln Gly Thr Gly Thr Thr Gly Val Ser Glu Asp Pro Phe Asp
125  1               5                  10                  15
126 Leu
130 <210> SEQ ID NO: 8
131 <211> LENGTH: 11
```

RAW SEQUENCE LISTING DATE: 06/19/2006
PATENT APPLICATION: **US/10/582,006** TIME: 11:37:35

Input Set : **A:\NIH272.001NP SEQLIST.TXT**
Output Set: **N:\CRF4\06192006\J582006.raw**

```
132 <212> TYPE: PRT
133 <213> ORGANISM: Pan troglodytes
135 <400> SEQUENCE: 8
136 Trp Gly Gln Gly Thr Lys Val Ile Val Ser Leu
137  1               5                  10
140 <210> SEQ ID NO: 9
141 <211> LENGTH: 109
142 <212> TYPE: PRT
143 <213> ORGANISM: Pan troglodytes
145 <400> SEQUENCE: 9
146 Glu Leu Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly
147  1               5                  10                  15
148 Asp Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Asp Ile Ser Ile Arg
149             20                  25                  30
150 Leu Asn Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile
151         35                  40                  45
152 Tyr Asp Ala Ser Thr Leu Glu Ser Gly Val Pro Ser Arg Phe Ser Gly
153     50                  55                  60
154 Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro
155 65                  70                  75                  80
156 Glu Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Phe Asn Ser Tyr Pro Leu
157                 85                  90                  95
158 Thr Phe Gly Gly Gly Thr Lys Val Glu Ile Lys Arg Thr
159             100                 105
162 <210> SEQ ID NO: 10
163 <211> LENGTH: 23
164 <212> TYPE: PRT
165 <213> ORGANISM: Pan troglodytes
167 <400> SEQUENCE: 10
168 Glu Leu Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly
169  1               5                  10                  15
170 Asp Arg Val Thr Ile Thr Cys
171             20
174 <210> SEQ ID NO: 11
175 <211> LENGTH: 11
176 <212> TYPE: PRT
177 <213> ORGANISM: Pan troglodytes
179 <400> SEQUENCE: 11
180 Arg Ala Ser Gln Asp Ile Ser Ile Arg Leu Asn
181  1               5                  10
184 <210> SEQ ID NO: 12
185 <211> LENGTH: 15
186 <212> TYPE: PRT
187 <213> ORGANISM: Pan troglodytes
189 <400> SEQUENCE: 12
190 Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile Tyr
191  1               5                  10                  15
194 <210> SEQ ID NO: 13
195 <211> LENGTH: 7
```

RAW SEQUENCE LISTING DATE: 06/19/2006
PATENT APPLICATION: **US/10/582,006** TIME: 11:37:35

Input Set : **A:\NIH272.001NP SEQLIST.TXT**
Output Set: **N:\CRF4\06192006\J582006.raw**

196 <212> TYPE: PRT
197 <213> ORGANISM: Pan troglodytes
199 <400> SEQUENCE: 13
200 Asp Ala Ser Thr Leu Glu Ser
201 1 5
204 <210> SEQ ID NO: 14
205 <211> LENGTH: 31
206 <212> TYPE: PRT
207 <213> ORGANISM: Pan troglodytes
209 <400> SEQUENCE: 14
210 Gly Val Pro Ser Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr
211 1 5 10 15
212 Leu Thr Ile Ser Ser Leu Gln Pro Glu Asp Phe Ala Thr Tyr Tyr
213 20 25 30
216 <210> SEQ ID NO: 15
217 <211> LENGTH: 10
218 <212> TYPE: PRT
219 <213> ORGANISM: Pan troglodytes
221 <400> SEQUENCE: 15
222 Cys Gln Gln Phe Asn Ser Tyr Pro Leu Thr
223 1 5 10
226 <210> SEQ ID NO: 16
227 <211> LENGTH: 12
228 <212> TYPE: PRT
229 <213> ORGANISM: Pan troglodytes
231 <400> SEQUENCE: 16
232 Phe Gly Gly Gly Thr Lys Val Glu Ile Lys Arg Thr
233 1 5 10
236 <210> SEQ ID NO: 17
237 <211> LENGTH: 129
238 <212> TYPE: PRT
239 <213> ORGANISM: Pan troglodytes
241 <400> SEQUENCE: 17
242 Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
243 1 5 10 15
244 Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Val Thr Phe Ser Ser Tyr
245 20 25 30
246 Trp Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
247 35 40 45
248 Ser Arg Ile Asn Ser Asp Gly Ser Ser Thr Asn Tyr Ala Asp Ser Val
249 50 55 60
250 Glu Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Thr Leu Tyr
251 65 70 75 80
252 Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
253 85 90 95
254 Ser Arg Gly Gly Leu Trp Asp Trp Ser Pro Arg Arg Ile Glu Glu Thr
255 100 105 110
256 Lys Thr Pro Phe Asp Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser
257 115 120 125

RAW SEQUENCE LISTING DATE: 06/19/2006
PATENT APPLICATION: **US/10/582,006** TIME: 11:37:35

Input Set : **A:\NIH272.001NP SEQLIST.TXT**
Output Set: **N:\CRF4\06192006\J582006.raw**

```
258 Ser
262 <210> SEQ ID NO: 18
263 <211> LENGTH: 30
264 <212> TYPE: PRT
265 <213> ORGANISM: Pan troglodytes
267 <400> SEQUENCE: 18
268 Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
269  1               5                  10                  15
270 Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Val Thr Phe Ser
271             20                  25                  30
274 <210> SEQ ID NO: 19
275 <211> LENGTH: 5
276 <212> TYPE: PRT
277 <213> ORGANISM: Pan troglodytes
279 <400> SEQUENCE: 19
280 Ser Tyr Trp Met His
281  1               5
284 <210> SEQ ID NO: 20
285 <211> LENGTH: 13
286 <212> TYPE: PRT
287 <213> ORGANISM: Pan troglodytes
289 <400> SEQUENCE: 20
290 Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
291  1               5                  10
294 <210> SEQ ID NO: 21
295 <211> LENGTH: 18
296 <212> TYPE: PRT
297 <213> ORGANISM: Pan troglodytes
299 <400> SEQUENCE: 21
300 Ser Arg Ile Asn Ser Asp Gly Ser Ser Thr Asn Tyr Ala Asp Ser Val
301  1               5                  10                  15
302 Glu Gly
306 <210> SEQ ID NO: 22
307 <211> LENGTH: 30
308 <212> TYPE: PRT
309 <213> ORGANISM: Pan troglodytes
311 <400> SEQUENCE: 22
312 Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Thr Leu Tyr Leu Gln
313  1               5                  10                  15
314 Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
315             20                  25                  30
318 <210> SEQ ID NO: 23
319 <211> LENGTH: 22
320 <212> TYPE: PRT
321 <213> ORGANISM: Pan troglodytes
323 <400> SEQUENCE: 23
324 Ser Arg Gly Gly Leu Trp Asp Trp Ser Pro Arg Arg Ile Glu Glu Thr
325  1               5                  10                  15
326 Lys Thr Pro Phe Asp Tyr
```

VERIFICATION SUMMARY DATE: 06/19/2006
PATENT APPLICATION: **US/10/582,006** TIME: 11:37:36

Input Set : **A:\NIH272.001NP SEQLIST.TXT**
Output Set: **N:\CRF4\06192006\J582006.raw**

L:12 M:270 C: Current Application Number differs, Replaced Current Application Number
L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date